

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 3225-1417:105 Page 1 of 1

CATEGORY: Fire Dampers

LISTEE: Lloyd Industries, Inc., *231 Commerce Dr., Montgomeryville, PA 18936
Contact: William P. Lloyd *(215) 412-4445

DESIGN: Models CSD and CFSD fire rated dampers. Units are intended for use where air ducts penetrate or terminate at horizontal openings in the ceilings of interior corridors. Units are multi-blade type of construction for horizontal installation and single section installation only.

Position	Min. Width	Max. Width	Min. Height	Max. Height
Horizontal	8"	24"	8"	24"

RATING: 1 Hour

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, rating and UL label.

APPROVAL: Listed as fire rated dampers for use with Models SQB-12.1, SQB-72.1, MA318, MA418, HW-8105, HW-4105, 331-3011, 331-4821, 331-2973, NF120 or NF24 damper operators.

NOTE: Leakage rating not evaluated. Refer to CSFM Listing Category 3230-1417:104 for listed leakage rated dampers.

*Rev. 07-06-2000



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 5, 2002**

*Listing Expires **June 30, 2003***

Authorized By: **DIANE K. AREND, Senior Deputy**
Program Manager